

Message

From: Nwosu, Bernard [Ben.Nwosu@WestonSolutions.com]
Sent: 7/27/2015 5:51:15 PM
To: Daly, Eric [Daly.Eric@epa.gov]
Subject: FW: Canadian Radium & Uranium Site - Analytical Request Form

Eric,

I am on my way. Please review the narrative below which will be our consensus decision for the QAPP and overall project expectation. We can make any changes when we meet.

As part of the Removal Assessment of the Canadian Radium & Uranium Site (the Site), Weston Solutions, Inc., Removal Support Team 3 (RST 3) has been tasked with providing support to the U.S. Environmental Protection Agency (EPA) for a ground radiological survey and subcontracting a National Radon Efficiency Program (NREP)-certified company to conduct radon sampling at the Site. In addition, RST 3 has been tasked with collecting soil samples from locations that will be determined on-site based on results of the radiological surveys, from the zone beneath asphalt, and at the discretion of the EPA On-Scene Coordinator (OSC). The radiological survey is being conducted to determine the presence or absence of radon/thoron gas and gamma radiation. The radiological survey will be conducted using a DurrIDGE RAD7 radon/thoron detector and a Fluke Pressurized Ionization Chamber (PIC) and Ludlum-2241 (both instruments supplied by EPA) gamma detectors. The radon specialist from the NREP-certified company will provide field support in identifying radon canister placement in 75-100 locations using guidelines set forth in the American National Standards Institute (ANSI)/ American Association of Radon Scientists and Technologists (AARST) *Protocol for Conducting Radon and Radon Decay Product Measurements in Multifamily Buildings* (MAMF 2012), placing the canisters, picking up the canisters and delivering to a RST 3-procured laboratory (Name of Lab) for radon analysis. Soil sampling will include the collection of up to eight soil samples. Seven of the soil samples, including one field duplicate, will be collected from locations suspected to contain radionuclides and metals/metalloids and one soil samples will be collected to document background conditions. The soil samples will be collected to determine the concentrations of radionuclides and metals/metalloids in the soil present on the Site. The soil samples will be submitted to Name of Lab for Target Analyte List (TAL) Inorganics including mercury, Isotopic Thorium (Thorium-230 and Thorium-232), Isotopic Uranium (Uranium-233, Uranium-234, Uranium-235, Uranium-236 and Uranium-238), Radium-226, Radium-228, and gamma spectroscopy analysis. The soil samples will be collected for a definitive data Quality Assurance/Quality Control (QA/QC) Objective. Field duplicate and Matrix Spike/ Matrix Spike Duplicate (MS/MSD) samples will be collected at a rate of one per twenty soil samples.

thanks

Ben Nwosu
Weston Solutions, Inc.
RST3/ED2

From: Daly, Eric [mailto:Daly.Eric@epa.gov]
Sent: Monday, July 27, 2015 1:45 PM
To: Nwosu, Bernard
Subject: RE: Canadian Radium & Uranium Site - Analytical Request Form

It looks good as long as that is what we are doing

From: Nwosu, Bernard [mailto:Ben.Nwosu@WestonSolutions.com]
Sent: Monday, July 27, 2015 1:30 PM
To: Daly, Eric
Subject: Canadian Radium & Uranium Site - Analytical Request Form

Eric,

Please find attached the analytical request form for the radon canister and soil sampling events to be conducted at the Canadian Radium & Uranium Site, beginning August 3 through 7, 2015. I will provide you with a hardcopy of the document for your signature.

Thank you.

Ben Nwosu

Weston Solutions, Inc.

RST3/ED2

1090 King George Post Road, Suite 201

Edison, New Jersey 08837

Phone: (732) 585-4413

Cell: (908) 565-2980

Fax: (732) 225-7037

Email: Ben.Nwosu@WestonSolutions.com



CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.